

55053, A NOVEL HUMAN EUKARYOTIC KINASE AND USES THEREFOR

Abstract of the Disclosure

The invention provides isolated nucleic acids molecules, designated EPK-55053
5 nucleic acid molecules, which encode novel protein kinase polypeptides. The invention
also provides antisense nucleic acid molecules, recombinant expression vectors containing
EPK-55053 nucleic acid molecules, host cells into which the expression vectors have been
introduced, and nonhuman transgenic animals in which an EPK-55053 gene has been
introduced or disrupted. The invention still further provides isolated EPK-55053 proteins,
10 fusion proteins, antigenic peptides and anti-EPK-55053 antibodies. Diagnostic, screening,
and therapeutic methods utilizing compositions of the invention are also provided.